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<110> Consortium für elektrochemische Industrie GmbH

<120> Feedback-resistant homoserine-Transsuccinylases having a modified C-terminus

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<301> Blattner, F. R.
<302> The complete genome sequence of Escherichia coli K-12.
<303> Science
<304> 277
<305> 533
<306> 1453-1474
<307> 1997
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                      10
                                    15
gaa gaa aac gtc ttt gtg atg aca act tct cgt gcg tct ggt cag gaa 96
Glu Glu Asn Val Phe Val Met Thr Thr Ser Arg Ala Ser Gly Gln Glu
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Arg Tyr Ala Asp Phe Pro Ala Ala Leu Ile Arg Asp Tyr Thr Asp Leu

gaa att ctg gca gag acg gaa gaa ggg gat gca tat ctg ttt gcc agt 672 Glu Ile Leu Ala Glu Thr Glu Glu Gly Asp Ala Tyr Leu Phe Ala Ser 210 215 220 aaa gat aag cgc att gcc ttt gtg acg ggc cat ccc gaa tat gat gcg 720 Lys Asp Lys Arg Ile Ala Phe Val Thr Gly His Pro Glu Tyr Asp Ala 225 230 235 240 caa acg ctg gcg cag gaa ttt ttc cgc gat gtg gaa gcc gga cta gac 768 Gln Thr Leu Ala Gln Glu Phe Phe Arg Asp Val Glu Ala Gly Leu Asp 245 250 ccg gat gta ccg tat aac tat ttc ccg cac aat gat ccg caa aat aca 816 Pro Asp Val Pro Tyr Asn Tyr Phe Pro His Asn Asp Pro Gln Asn Thr 260 265 270 ccg cga gcg agc tgg cgt agt cac ggt aat tta ctg ttt acc aac tgg 864 Pro Arg Ala Ser Trp Arg Ser His Gly Asn Leu Leu Phe Thr Asn Trp 275 280 285 ctc aac tat tac gtc tac cag atc acg cca tac gat cta cgg cac atg 912 Leu Asn Tyr Tyr Val Tyr Gln Ile Thr Pro Tyr Asp Leu Arg His Met 290 295 300 aat cca acg ctg gat taa 930 Asn Pro Thr Leu Asp 305 <210> 2 <211>309 <212> PRT <213> Escherichia coli <400>2Met Pro Ile Arg Val Pro Asp Glu Leu Pro Ala Val Asn Phe Leu Arg 1 5 10 15 Glu Glu Asn Val Phe Val Met Thr Thr Ser Arg Ala Ser Gly Gln Glu 20 25 30 Ile Arg Pro Leu Lys Val Leu Ile Leu Asn Leu Met Pro Lys Lys Ile 35 40 45 Glu Thr Glu Asn Gln Phe Leu Arg Leu Leu Ser Asn Ser Pro Leu Gln

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Val Asp İle	e Gln Leu Leu 70	Arg Ile A 75	sp Ser Arg	Glu Ser Arg A	Asn Thr
	u His Leu Asr 35	Asn Phe	Tyr Cys As 95	n Phe Glu As	p Ile Gln
Asp Gln As	sn Phe Asp G	-	Val Thr Gly 110	Ala Pro Leu	Gly Leu
Val Glu Ph 115	e Asn Asp Va 120	•	Trp Pro Glr 25	ı Ile Lys Gln V	Val Leu
Glu Trp Se 130	r Lys Asp His 135	Val Thr S		Phe Val Cys	Trp Ala
Val Gln Al 145	a Ala Leu Ası 150	n Ile Leu T 155	yr Gly Ile P 160	-	hr Arg
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Ala Leu Le 180	u Thr Arg Gly 183	_	Asp Ser Ph 190	e Leu Ala Pro	His Ser
Arg Tyr Al 195	a Asp Phe Pro		Leu Ile Arg 05	Asp Tyr Thr A	Asp Leu
Glu Ile Leu 210	Ala Glu Thr 215	Glu Glu G 220		Tyr Leu Phe	Ala Ser
Lys Asp Ly 225	rs Arg Ile Ala 230	Phe Val T 235	hr Gly His 1 240	•	sp Ala
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Pro Asp Va 260	ıl Pro Tyr Asn 265		Pro His Asn 270	Asp Pro Gln	Asn Thr
Pro Arg Ala 275	a Ser Trp Arg 280		ly Asn Leu 85	Leu Phe Thr	Asn Trp

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Gly Ala